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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Tsu-Jae King et al.

Application No.: 10/760,090

Art Unit.: 2815

Filed: 01/15/2004

Examiner: Edward J. Wojciechowicz

For: "CMOS Process Compatible, Tunable Negative Differential Resistance (NDR) Device And Method Of Operating Same"

Docket No.: SYN-0419CON3

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: June 8, 2005

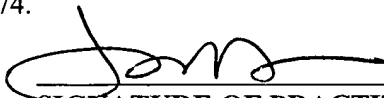
AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.
2. **STATUS:** Applicant is other than a small entity.
3. **EXTENSION OF TERM:** A Petition And Fee For Extension Of Time (37.C.F.R. 1.136(a)) is filed herewith.
4. **FEE FOR CLAIMS:** The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated below:

	(Col.1)		(Col. 2)	(Col. 3)	LARGE ENTITY	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee
Total	20	Minus	20	= -0-	x \$50 =	\$-0-
Indep.	4	Minus	4	= -0-	x \$200 =	\$-0-
First Presentation of Multiple Dependent Claim					+ \$360 =	\$0
					Total Addit. Fee	\$-0-

5. **FEE PAYMENT and DEFICIENCY:** Please charge Deposit Acct. 50-0574 the amount of \$450.00 for a two-month extension of time and \$130.00 for the Terminal Disclaimer. If any additional extension and/or fee is required, also charge Account No. 50-0574.

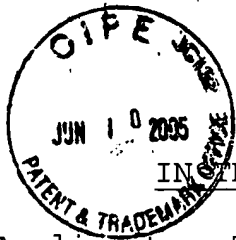
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SIGNATURE OF PRACTITIONER
John M. Kubodera
Reg. No. 45,984

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 8, 2005.

6/9/2005
Date

Signature: Rebecca A. Baumann



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tsu-Jae King et al.

Assignee: Progressant Technologies, Inc.

Title: CMOS PROCESS COMPATIBLE, TUNABLE NEGATIVE
DIFFERENTIAL RESISTANCE (NDR) DEVICE AND METHOD OF
OPERATING SAME

Serial No.: 10/760,090-1278

File Date: 1/15/2004

Examiner: Edward J. Wojciechowicz Art Unit: 2815

Docket No.: SYN-0419CON3 (formerly PROG2000-IC3)

Date: June 8, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO THE FIRST OFFICE ACTION

Dear Sir:

This paper is filed in response to the Office Action mailed
from the Patent Office on January 11, 2005.